

SOLICITATION, OFFER AND AWARD		1. THIS CONTRACT IS A RATED ORDER UNDER DPAS (15 CFR 350) >		RATING		PAGE OF 1 Pages	
2. CONTRACT NO.		3. SOLICITATION NO. DTFAAC-08-R-53075		4. TYPE OF SOLICITATION <input checked="" type="checkbox"/> NEGOTIATED (RFP)		5. DATE ISSUED 04/04/08	
						6. REQUISITION/PURCHASE NO. 08-53075 (FAA Internal Use Only)	
7. ISSUED BY FAA, NAS Contracting Division (AMQ-210) 6500 South MacArthur Boulevard P.O. Box 25082 Oklahoma City, OK 73125-4929				8. ADDRESS OFFER TO (If other than Item 7) FAA, NAS Contracting Division (AMQ-210) Room 321, Multi-Purpose Building 6500 South MacArthur Boulevard P.O. Box 25082 Oklahoma City, OK 73125-4933 (Note: For overnight mail the ZIP Code is 73169)			

NOTE: In sealed bid solicitations "offer" and "offeror" mean "bid" and "bidder".

INDEFINITE DELIVERY/REQUIREMENTS SOLICITATION ANTENNA ASSEMBLIES

9. Sealed offers in original and no copies for furnishing the supplies or services in the Schedule will be received at the place specified in Item 8, or if handcarried, in the depository located in Room 321, Multi-Purpose Building until 2:00 p.m. local time 04/25/08
(Hour) (Date)

CAUTION - LATE Submissions, Modifications, and Withdrawals are subject to Provision 3.2.2.3-14. All offers are subject to all terms and conditions contained in this solicitation.

10. FOR INFORMATION CALL: >		A. NAME PHYLLIS TOWNSLEY	B. TELEPHONE NO. (Include area code) (NO COLLECT CALLS) (405) 954-7816 Phyllis.J.Townsley@faa.gov
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NOTE: Item 12 does not apply if the solicitation includes the provisions at 3.2.2.3-2, Minimum Offer Acceptance Period.

12. In compliance with the above, the undersigned agrees, if this offer is accepted within _____ calendar days (**60 calendar days unless a different period is inserted by the offeror**) from the date for receipt of offers specified above, to furnish any or all items upon which prices are offered at the price set opposite each item, delivered at the designated point(s), within the time specified in the schedule.

13. DISCOUNT FOR PROMPT PAYMENT (See Section I, Clause No. 3.3.1-6) >		10 CALENDAR DAYS %	20 CALENDAR DAYS %	30 CALENDAR DAYS %	CALENDAR DAYS %
14. ACKNOWLEDGMENT OF AMENDMENTS (The offeror acknowledges receipt of amendments to the SOLICITATION for offerors and related documents numbered and dated:		AMENDMENT NO.	DATE	AMENDMENT NO.	DATE
15A. NAME AND ADDRESS OF OFFEROR		15C. CHECK IF REMITTANCE ADDRESS <input type="checkbox"/> IS DIFFERENT FROM ABOVE - ENTER SUCH ADDRESS IN SCHEDULE.		16. NAME AND TITLE OF PERSON AUTHORIZED TO SIGN OFFER (Type or print)	
15B. TELEPHONE NO. (Include area code)		17. SIGNATURE		18. OFFER DATE	

AWARD (To be completed by Government)

19. ACCEPTED AS TO ITEMS NUMBERED		20. AMOUNT		21. ACCOUNTING AND APPROPRIATION	
24. ADMINISTERED BY (If other than Item 7) FAA, NAS Contract Management Division (AMQ-240) 6500 South MacArthur Boulevard P.O. Box 25082 Oklahoma City, OK 73125-4932		23. SUBMIT INVOICES TO ADDRESS SHOWN IN (4 COPIES UNLESS OTHERWISE SPECIFIED) >		ITEM	
25. PAYMENT WILL BE MADE BY FAA, Financial Operations Division (AMZ-100) 6500 South MacArthur Boulevard P.O. Box 25082 Oklahoma City, OK 73125-4304		26. NAME OF CONTRACTING OFFICER (Type or print)		27. UNITED STATES OF AMERICA (Signature of Contracting Officer)	
				28. AWARD DATE	

IMPORTANT -- Award will be made on this Form, or on Standard Form 26, or by other authorized official written notice.

CONTINUATION SHEETPART I - SECTION BSUPPLIES OR SERVICES AND PRICES/COSTDescription of Services:

The Contractor shall furnish and supply the items set forth below in accordance with the terms, conditions, and provisions set forth herein.

		ESTIMATED ANNUAL				TOTAL
ITEM	SUPPLIES/SERVICES	QTY	UNIT	PRICE		AMOUNT
SCHEDULE I (INITIAL CONTRACT PERIOD)						
Antenna, UHF 2 ft. 9 in NSN 5985-01-050-7521						
001	First Article	1	EA			\$ _____
002	Production Articles	300	EA	\$ _____		\$ _____
Antenna, VHF 4 ft 7 in NSN 5985-01-050-7522						
003	First Article	1	EA			\$ _____
004	Production Articles	700	EA	\$ _____		\$ _____
Antenna, UHF-UHF 7 ft 1 in NSN 5985-01-050-7523						
005	First Article	1	EA			\$ _____
006	Production Articles	100	EA	\$ _____		\$ _____
Antenna, UHF VHF 7 ft 1 in NSN 5985-01-050-7524						
007	First Article	1	EA			\$ _____
008	Production Articles	350	EA	\$ _____		\$ _____

CONTINUATION SHEET

ITEM	SUPPLIES/SERVICES	ESTIMATED ANNUAL		PRICE	TOTAL AMOUNT
		QTY	UNIT		
	Antenna, VHF HI-GAIN 11 ft 4 in NSN 5985-01-050-7525				
009	First Article	1	EA		\$ _____
010	Production Articles	100	EA	\$ _____	\$ _____
	Antenna, VHF VHF 12 ft 9 in NSN 5985-01-053-5108				
011	First Article	1	EA		\$ _____
012	Production Articles	100	EA	\$ _____	\$ _____
	Antenna, HI-GAIN 5 ft 9 in NSN 5985-01-296-1904				
013	First Article	1	EA		\$ _____
014	Production Articles	100	EA	\$ _____	\$ _____

Offeror to indicate which brand they are proposing:

- a. ☐ TACO Communications
- b. ☐ Antenna Products
- c. ☐ Offer based on Salient Characteristics

COMMERCIAL WARRANTY:

(Offeror must mark one of the following blocks.)

- a. ☐ Contractor is providing a standard commercial warranty at No Additional COST. Pricing shown under Price Schedule includes all warranty cost.
- b. ☐ Contractor is providing a standard commercial warranty at an Additional COST. Additional cost shall be based on the following: Unit price x _____ % = Warranty Cost Per Unit
- c. ☐ Contractor is NOT providing any standard commercial warranty.

The warranty shall apply to all subsequent years.

NOTICE TO OFFEROR REGARDING CONTRACTOR'S COMMERCIAL WARRANTY: Your attention is invited to Part IV-Section L, Provision L.1, Applicability of Contractor's Commercial Warranty and-Section M, Provision M.1, Contractor's Commercial Warranty Evaluation.

CONTINUATION SHEET

ITEM	SUPPLIES/SERVICES	ESTIMATED			TOTAL
		ANNUAL	QTY	UNIT	
SCHEDULE II (FIRST OPTION PERIOD)					
015	Antenna, UHF 2 ft. 9 in NSN 5985-01-050-7521	315	EA	\$_____	\$_____
016	Antenna, VHF 4 ft 7 in NSN 5985-01-050-7522	735	EA	\$_____	\$_____
017	Antenna, UHF-UHF 7 ft 1 in NSN 5985-01-050-7523	105*	EA	\$_____	\$_____
018	Antenna, UHF VHF 7 ft 1 in NSN 5985-01-050-7524	368	EA	\$_____	\$_____
019	Antenna, VHF HI-GAIN 11 ft 4 in NSN 5985-01-050-7525	105	EA	\$_____	\$_____
020	Antenna, VHF VHF 12 ft 9 in NSN 5985-01-053-5108	105	EA	\$_____	\$_____
021	Antenna, HI-GAIN 5 ft 9 in NSN 5985-01-296-1904	105	EA	\$_____	\$_____

CONTINUATION SHEET

ITEM	SUPPLIES/SERVICES	ESTIMATED		PRICE	TOTAL
		ANNUAL	UNIT		AMOUNT
		QTY			
SCHEDULE III (SECOND OPTION PERIOD)					
022	Antenna, UHF 2 ft. 9 in NSN 5985-01-050-7521	331	EA	\$ _____	\$ _____
023	Antenna, VHF 4 ft 7 in NSN 5985-01-050-7522	772	EA	\$ _____	\$ _____
024	Antenna, UHF-UHF 7 ft 1 in NSN 5985-01-050-7523	110	EA	\$ _____	\$ _____
025	Antenna, UHF VHF 7 ft 1 in NSN 5985-01-050-7524	386	EA	\$ _____	\$ _____
026	Antenna, VHF HI-GAIN 11 ft 4 in NSN 5985-01-050-7525	110	EA	\$ _____	\$ _____
027	Antenna, VHF VHF 12 ft 9 in NSN 5985-01-053-5108	110	EA	\$ _____	\$ _____
028	Antenna, HI-GAIN 5 ft 9 in NSN 5985-01-296-1904	110	EA	\$ _____	\$ _____

CONTINUATION SHEET

ITEM	SUPPLIES/SERVICES	ESTIMATED		PRICE	TOTAL
		ANNUAL	QTY UNIT		
SCHEDULE IV (THIRD OPTION PERIOD)					
029	Antenna, UHF 2 ft. 9 in NSN 5985-01-050-7521	347	EA	\$_____	\$_____
030	Antenna, VHF 4 ft 7 in NSN 5985-01-050-7522	810	EA	\$_____	\$_____
031	Antenna, UHF-UHF 7 ft 1 in NSN 5985-01-050-7523	116	EA	\$_____	\$_____
032	Antenna, UHF VHF 7 ft 1 in NSN 5985-01-050-7524	405	EA	\$_____	\$_____
033	Antenna, VHF HI-GAIN 11 ft 4 in NSN 5985-01-050-7525	116	EA	\$_____	\$_____
034	Antenna, VHF VHF 12 ft 9 in NSN 5985-01-053-5108	116	EA	\$_____	\$_____
035	Antenna, HI-GAIN 5 ft 9 in NSN 5985-01-296-1904	116	EA	\$_____	\$_____

CONTINUATION SHEET

ITEM	SUPPLIES/SERVICES	ESTIMATED		PRICE	TOTAL
		ANNUAL	QTY UNIT		
SCHEDULE V (FOURTH OPTION PERIOD)					
036	Antenna, UHF 2 ft. 9 in NSN 5985-01-050-7521	365	EA	\$_____	\$_____
037	Antenna, VHF 4 ft 7 in NSN 5985-01-050-7522	851	EA	\$_____	\$_____
038	Antenna, UHF-UHF 7 ft 1 in NSN 5985-01-050-7523	122	EA	\$_____	\$_____
039	Antenna, UHF VHF 7 ft 1 in NSN 5985-01-050-7524	425	EA	\$_____	\$_____
040	Antenna, VHF HI-GAIN 11 ft 4 in NSN 5985-01-050-7525	122	EA	\$_____	\$_____
041	Antenna, VHF VHF 12 ft 9 in NSN 5985-01-053-5108	122	EA	\$_____	\$_____
042	Antenna, HI-GAIN 5 ft 9 in NSN 5985-01-296-1904	122	EA	\$_____	\$_____

PART I - SECTION C
DESCRIPTION/SPECS/WORK STATEMENT

C.1 SCOPE OF WORK

The contractor shall provide the antenna assemblies items identified in SECTION-B, SUPPLIES OR SERVICES AND PRICES/COSTS, based on brand name or in accordance with salient characteristics (Attachment 1) and with all terms, conditions, and provisions set forth herein.

PART I - SECTION D
PACKAGING AND MARKING

D.1 PRESERVATION, PACKAGING, PACKING, AND MARKING (JAN 1997) (R)

CLA.2102

a) All items unless otherwise specified shall be individually packaged to American Society for Testing and Materials (ASTM) D 3951 (packaging). Performance testing of packaging will be IAW ASTM D 4169 assurance level II distribution cycle 18.

(b) All items shall be marked IAW Mil STD 129 "Marking for Shipment and Storage". Bar coding is required, 128 symbology is preferred; however, 3 of 9 will be accepted.

(c) Common hardware items shall be packaged in multiple unit pack quantities compatible with the unit of issue (UI) or Quantity per unit pack (QUP). **BULK QUANTITIES ARE NOT ACCEPTABLE.**

Copies of the ASTMs can be attained from:

ASTM
100 Barr Harbor Dr.
West Conshohocken, PA 19428
(610) 832-9500

Copies of Mil STD 129 can be attained from:

DODSSP
Customer Service
Standardization Documents Order Desk
700 Robbins Avenue Building 4D
Philadelphia, PA 19111-5094

PART I - SECTION E
INSPECTION AND ACCEPTANCE

E.1 FIRST ARTICLE TEST AND DISPOSITION REQUIREMENTS (JAN 1997) CLA.0350

(a) Performance or other characteristics which the First Article(s) must meet, and detailed technical data requirements for testing of the first article(s) (including necessary data to be submitted in First Article(s) Test Report, if applicable) are: testing will be in accordance with Salient Characteristics, Section J, Attachment 1.

(b) The approved First Article(s) shall serve as a manufacturing standard.

(c) Disposition of First Article(s) shall be as follows:

The first article(s) will be retained by the Government and will be included as part of the production quantity.

E.2 INSPECTION AND ACCEPTANCE AT DESTINATION (JANUARY 1997)**CLA.1908**

- (a) Final inspection and acceptance shall be at destination.
- (b) Although source inspection by the Government is not anticipated under this contract, the provisions of this clause shall in no way be construed to limit the rights of the Government under the clause entitled "Inspection of Supplies—Fixed Price" (AMS 3.10.4-2)

E.3 QUALITY STANDARDS

An auditable Quality Management System containing all elements of the ANSI/ASQC/ISO9000 standard shall exist. Applicable IPC workmanship standards shall be followed. Product will be inspected and accepted/rejected at destination by the FAA for Technical Specifications and Packaging Specifications, as stated in the contract. Certificates of Compliance shall be supplied where applicable.

3.10.9-2 FIRST ARTICLE APPROVAL--GOVERNMENT TESTING (JULY 2003)

(a) The Contractor shall deliver one (1) unit of each contract line item for a total of seven (7) first articles within 30 calendar days from the date of this contract to the Government at William J. Hughes Technical Center, AJP-7B2 Building 70, Atlantic City Airport, NJ 08405, Attn: John Petro, (609) 485-5436 for first article tests. The shipping documentation shall contain this contract number and the Lot/Item identification. The characteristics that the first article must meet and the testing requirements are specified elsewhere in this contract.

(b) Within 30 calendar days after the Government receives the first article, the Contracting Officer shall notify the Contractor, in writing, of the conditional approval, approval, or disapproval of the first article. The notice of conditional approval or approval shall not relieve the Contractor from complying with all requirements of the specifications and all other terms and conditions of this contract. A notice of conditional approval shall state any further action required of the Contractor. A notice of disapproval shall cite reasons for the disapproval.

(c) If the first article is disapproved, the Contractor, upon Government request, shall submit an additional first article for testing. After each request, the Contractor shall make any necessary changes, modifications, or repairs to the first article or select another first article for testing. All costs related to these tests are to be borne by the Contractor, including any and all costs for additional tests following a disapproval. The Contractor shall furnish any additional first article to the Government under the terms and conditions and within the time specified by the Government. The Government shall act on this first article within the time limit specified in paragraph (b) of this clause. The Government reserves the right to require an equitable adjustment of the contract price for any extension of the delivery schedule or for any additional costs to the Government related to these tests.

(d) If the Contractor fails to deliver any first article on time, or the Contracting Officer disapproves any first article, the Contractor shall be deemed to have failed to make delivery within the meaning of the Default clause of this contract.

(e) Unless otherwise provided in the contract, the Contractor--

- (1) May deliver the approved first article as a part of the contract quantity, provided it meets all contract requirements for acceptance and was not consumed or destroyed in testing; and
- (2) Shall remove and dispose of any first article from the Government test facility at the Contractor's expense.

(f) If the Government does not act within the time specified in paragraphs (b) or (c) of this clause, the Contracting Officer shall, upon timely written request from the Contractor, equitably adjust under the Changes clause of this contract the delivery or performance dates and/or the contract price, and any other contractual term affected by the delay.

(g) The Contractor is responsible for providing operating and maintenance instructions, spare parts support, and repair of the first article during any first article test.

(h) Before first article approval, the acquisition of materials or components for, or the commencement of production of, the balance of the contract quantity is at the sole risk of the Contractor. Before first article approval, the costs thereof shall not be allocable to this contract for

- (1) payments, or
- (2) termination settlements if the contract is terminated for the convenience of the Government.

(i) The Government may waive the requirement for first article approval test where supplies identical or similar to those called for in the schedule have been previously furnished by the Offeror/Contractor and have been accepted by the Government. The Offeror/Contractor may request a waiver.

3.1-1 CLAUSES AND PROVISIONS INCORPORATED BY REFERENCE (DECEMBER 2005)

This screening information request (SIR) or contract, as applicable, incorporates by reference the provisions or clauses listed below with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make the full text available, or offerors and contractors may obtain the full text via Internet at: <http://conwrite.faa.gov> (on this web page, select "Search and View Clauses").

3.10.4-2 INSPECTION OF SUPPLIES -- FIXED-PRICED (NOVEMBER 1997)

3.10.4-16 RESPONSIBILITY FOR SUPPLIES (APRIL 1996)

PART I - SECTION F DELIVERIES OR PERFORMANCE

F.1 AUTHORIZED PERFORMANCE (JAN 1997)

CLA.0168

The execution of a contract shall not constitute authority for the contractor to commence performance. Performance shall be ordered by the issuance of a formal delivery order by an authorized Contracting Officer of the Mike Monroney Aeronautical Center. Orders issued orally or by written telecommunications shall reference a formal delivery order number and shall be confirmed by issuance of the formal delivery order.

F.2 DELIVERY SCHEDULE (SUPPLIES) (MAY 2007)

CLA.0205

(a) WHEN FIRST ARTICLE TESTING AND APPROVAL IS REQUIRED the Government desires and requires delivery of the supplies under this contract within the number of calendar days stated below beginning on the date the Government approves first articles.

	Line Item (1)	Qty to be Delivered (2)	Delivery Time		
			Desired (3)	Proposed (4)	Required (5)
Initial Quantity	002, 004, 006* 008, 010, 012, 014	<u>100</u> units	in <u>30</u> days	in <u> </u> days	in <u>60</u> days

Option 1 - CLINS 015 through 021*

Option 2 - CLINS 022 through 028*

Option 3 - CLINS 029 through 035*

Option 4 - CLINS 036 through 042*

Additional quantities
after delivery time
established for the
initial quantity
at the rate of:

100 units every 15 days every days every 30 days

*The quantity of units may be applicable to one line item, or it may be applicable to a combination of line items.

(b) If the offeror is unable to meet the DESIRED delivery schedule set forth in column (3) above, he may enter in column (4) the delivery schedule he is prepared to meet. Specifically, should the Government determine such proposed delivery schedule to be unacceptable, the Government reserves the right to award to an offeror submitting other than the lowest offer as to price, if such action will provide an acceptable delivery and is determined to be in the best interests of the Government. In addition, the Government reserves the right to award under either the REQUIRED delivery time(s) or the proposed delivery time(s), when an offeror offers an earlier delivery time than required in column (5) above. If the offeror proposes no other delivery time(s), the DESIRED delivery time(s) in column (3) will apply.

(c) It is assumed that the contractor will receive order(s) issued under this contract in at least 10 calendar days after issuance by the Government. Accordingly, the delivery time for delivery orders issued hereunder will be increased to reflect the assumed transmission time.

(d) First Article may or may not be waived by the Contracting Officer, if the provision FIRST ARTICLE(S) APPLICABILITY AND/OR CONDITIONS FOR WAIVER, is incorporated in Section L of the solicitation. In the event first article is waived the contractor shall be required to deliver the specified number of units listed in each Delivery Order within the specified number of days under the above column entitled "Delivery Time".

**F.3 CHANGE TO INDIVIDUAL DELIVERY ORDER
SCHEDULE (JAN 1997)**

CLA.1137

(a) The delivery schedule(s) of all delivery orders issued hereunder shall be established in accordance with the terms of the contract.

(b) In the event that the Contractor fails to deliver in accordance with the established delivery schedule(s) and if such failure is not due to an excusable delay as defined in the Default clause of this contract, the Government and the Contractor may at the Government's option, negotiate a revised delivery schedule(s) in exchange for adequate consideration to the Government. A contract modification will not be required, but the delivery order(s) shall be amended in writing accordingly.

(c) A delivery order change or amendment made pursuant to this clause shall not affect the delivery schedule(s) of any other delivery order(s) issued under this contract.

(d) This clause shall not limit the Government's rights under the Default clause.

F.4 CONTRACT PERIOD (JAN 1997)

CLA.1604

The effective period of this contract is one year from date of award, or as may be extended by option issued hereunder.

F.5 ACCELERATED DELIVERY (JAN 1997)

CLA.1817

Any Schedule for delivery or performance may be expedited at the contractor's option, if without additional expense to the Government.

F.6 F.O.B. POINT (JAN 1997)

CLA.2015

The contractor shall deliver each item F.O.B. Destination, FAA, Mike Monroney Aeronautical Center, 6500 South MacArthur Blvd., Oklahoma City, OK 73169.

3.1-1 CLAUSES AND PROVISIONS INCORPORATED BY REFERENCE (DECEMBER 2005)

This screening information request (SIR) or contract, as applicable, incorporates by reference the provisions or clauses listed below with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make the full text available, or offerors and contractors may obtain the full text via Internet at: <http://conwrite.faa.gov> (on this web page, select "Search and View Clauses").

- 3.10.1-9 STOP-WORK ORDER (OCTOBER 1996)**
- 3.10.1-11 GOVERNMENT DELAY OF WORK (APRIL 1996)**
- 3.11-34 F.O.B. DESTINATION (APRIL 1999)**

PART I - SECTION G
CONTRACT ADMINISTRATION DATA

G.1 INVOICING PROCEDURES - GENERAL**CLA.0135A**

(a) In addition the requirements set forth at AMS Clause 3.3.1-17, Prompt Payment, for the submission of a proper invoice, the contractor shall submit a separate invoice through the Aeronautical Center Franchise Acquisition Service website (eACFAS) for:

- (1) each month of performance of services, and/or
- (2) those items of supplies furnished.

(b) Each invoice shall highlight the following information:

- (1) Contract number and applicable Delivery Order number.
- (2) Noun description of services and/or supplies, including applicable line item number(s) and quantity(s) that were provided.
- (3) Extended totals for invoiced quantities.

(c) All contractors invoicing services to the FAA under Time and Materials/Labor Hour contracts shall maintain on file, and submit when required for verification or audit, certified time logs showing a daily start and ending work times, the daily total of productive hours charged to the contract, a daily entry for any non-productive work-hours and cumulative totals for each pay period.

The contract will be implemented using eACFAS to the fullest extent practicable. Initially eACFAS information will be exchanged in the contract (order) and administration processes. As time and technology allow, advances in eACFAS are expected to be implemented by the Government. By execution of this contract, the contractor agrees to actively cooperate with the Government in its use and upgrade of eACFAS technologies. All costs on the contractor's part, to maintain compatibility with the Government shall be at the contractor's expense and shall not be charged to the Government as a direct charge of any type.

NOTE: For any problems experienced using eACFAS, contact the Aeronautical Center Franchise Acquisition Service, AML-7000, at 405-954-1440, or the Contracting Officer.

The eACFAS web address is: <https://www.franchiseacquisition.faa.gov>

3.1-1 CLAUSES AND PROVISIONS INCORPORATED BY REFERENCE (DECEMBER 2005)

This screening information request (SIR) or contract, as applicable, incorporates by reference the provisions or clauses listed below with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make the full text available, or offerors and contractors may obtain the full text via Internet at: <http://conwrite.faa.gov> (on this web page, select "Search and View Clauses").

3.10.1-22 CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE (JANUARY 2008)

PART I - SECTION H
SPECIAL CONTRACT REQUIREMENTS

**H.1 AGREEMENT TO PARTICIPATE IN ALTERNATIVE DISPUTE
RESOLUTION (APRIL 1998)**

CLA.4540

(a) The Federal Aviation Administration encourages direct communications and negotiations between the contractor and the contracting officer in an attempt to resolve contract disputes. In those situations where the parties are not able to achieve resolution at the contracting officer level, the agency favors the use of alternative dispute resolution (ADR) techniques to resolve disputes.

(b) The parties hereby agree that, prior to referring a contract dispute to the Office of Disputes Resolution as described in contract clause 3.9.1-1 "Contract Disputes", the parties will discuss whether they are willing to utilize ADR techniques such as mediation or nonbinding evaluation of the dispute by a neutral party. Upon receipt of a contract dispute from the contractor, the contracting officer will explore with the contractor whether the use of ADR techniques would be appropriate to resolve the dispute. Both parties must agree that the use of such techniques is appropriate, and agree to fairly share the associated expenses. If the parties do not mutually agree to utilize ADR to resolve the dispute, the dispute will be processed in accordance with the procedures set forth in clause 3.9.1-1.

H.2 NOTICE OF CONTRACTOR TESTIMONY (SEPTEMBER 2006)

CLA.4555

(a) The contractor shall notify the Contracting Officer promptly in writing of its intention, or the intention of its employees, subcontractors of any tier, or subcontractor employees, either voluntarily or under compulsion of competent authority, to provide sworn testimony on any matter related to or arising under the work required by and/or performed under, this contract. Such written notification at a minimum shall consist of the date and time of the testimony, identification of the court, board, or other body before which the testimony is made, the nature of the testimony to be given to the extent it is known at the time of this report, the nature of the contractor's involvement in the proceeding and any other circumstances related to the work performed under or related to the contract and the proceeding in which the testimony will be taken.

(b) The contractor shall include the substance of this clause, including this paragraph (b), in all subcontracts executed under this contract and shall require all subcontractors to provide the required report to the contractor.

**H.3 STRIKES OR PICKETING AFFECTING TIMELY COMPLETION
OF THE CONTRACT WORK (SEPTEMBER 2006)**

CLA.4557

Notwithstanding any other provision hereof, the Contractor is responsible for delays arising out of labor disputes, including but not limited to strikes, if such strikes are reasonably avoidable. A delay caused by a strike or by picketing which constitutes an unfair labor practice is not excusable unless the Contractor takes all reasonable and appropriate action to end such a strike or picketing, such as the filing of a charge with the National Labor Relations Board, the use of other available Government procedures, and the use of private boards or organizations for the settlement of disputes.

PART II - SECTION I
CONTRACT CLAUSES

3.2.4-16 ORDERING (OCTOBER 1996)

(a) Any supplies and services to be furnished under this contract shall be ordered by issuance of delivery orders or task orders by the individuals or activities designated in the Schedule. Such orders may be issued during the effective period of the contract stated in the Schedule.

(b) All delivery orders or task orders are subject to the terms and conditions of this contract. In the event of conflict between a delivery order or task order and this contract, the contract shall control.

(c) If mailed, a delivery order or task order is considered "issued" when the Government deposits the order in the mail. Orders may be issued orally, by facsimile, or by electronic commerce methods only if authorized in the Schedule.

3.2.4-17 ORDER LIMITATIONS (OCTOBER 1996)

(a) Minimum order. When the Government requires supplies or services covered by this contract in an amount of one unit, the Government is not obligated to purchase, nor is the Contractor obligated to furnish, those supplies or services under the contract.

(b) Maximum order. The Contractor is not obligated to honor-

(1) Any order for a single item in excess of the estimated annual quantity identified in Schedule B, whichever is less; or

(2) Any order for a combination of items in excess the estimated annual quantity identified in Schedule B, whichever is less; or

(3) A series of orders from the same ordering office within 30 days that together call for quantities exceeding the limitation in subparagraph (1) or (2) above.

(c) If this is a requirements contract, the FAA is not required to order a part of any one requirement from the Contractor if that requirement exceeds the maximum-order limitations in paragraph (b) above.

(d) Notwithstanding paragraphs (b) and (c) above, the Contractor shall honor any order exceeding the maximum order limitations in paragraph (b), unless that order (or orders) is returned to the ordering office within 15 days after issuance, with written notice stating the Contractor's intent not to ship the item (or items) called for and the reasons. Upon receiving this notice, the Government may acquire the supplies or services from another source.

(e) Any order accepted pursuant to paragraph (d) for quantities in excess of the maximum order limitations described at paragraph (b)(1), and (2) of this clause, shall be delivered at the delivery time(s) established in the Delivery Schedule. Additionally, quantities in excess of those specified as the maximum order limitations and accepted by the contractor for delivery are not computed in determining the placement of any additional order(s) within the 30 days contemplated at paragraph (b)(3) of this clause.

3.2.4-19 REQUIREMENTS (OCTOBER 1996)

(a) This is a requirements contract for the supplies or services specified, and effective for the period stated, in the Schedule. The quantities of supplies or services specified in the "Schedule" are estimates only and are not purchased by this contract. Except as this contract may otherwise provide, if the Government's requirements do not result in orders in the quantities described as "estimated" or "maximum" in the Schedule, that fact shall not constitute the basis for an equitable price adjustment.

(b) Delivery or performance shall be made only as authorized by orders issued in accordance with the Ordering clause. Subject to any limitations in the Order Limitations clause or elsewhere in this contract, the Contractor shall furnish to the Government all supplies or services specified in the "Schedule" and called for by orders issued in accordance with the Ordering clause. The Government may issue orders requiring delivery to multiple destinations or performance at multiple locations.

(c) Except as this contract otherwise provides, the Government shall order from the Contractor all the supplies or services specified in the "Schedule" that are required to be purchased by the Government activity or activities specified in the "Schedule."

(d) The Government is not required to purchase from the Contractor requirements in excess of any limit on total orders under this contract.

(e) If the Government urgently requires delivery of any quantity of an item before the earliest date that delivery may be specified under this contract, and if the Contractor will not accept an order providing for the accelerated delivery, the Government may acquire the urgently required goods or services from another source.

(f) Any order issued during the effective period of this contract and not completed within that period shall be completed by the Contractor within the time specified in the order. The contract shall govern the Contractor's and Government's rights and obligations with respect to that order to the same extent as if the order were completed during the contract's effective period; provided, that the Contractor shall not be required to make any deliveries under this contract after N/A (insert date).

3.2.4-35 OPTION TO EXTEND THE TERM OF THE CONTRACT (APRIL 1996)

(a) The Government may extend the term of this contract by written notice to the Contractor within the present term of the contract; provided, that the Government will give the Contractor a preliminary written notice of its intent to extend at least 60 days before the contract expires. The preliminary notice does not commit the Government to an extension.

(b) If the Government exercises this option, the extended contract shall be considered to include this option provision.

(c) The total duration of this contract, including the exercise of any options under this clause, shall not exceed five (5) years.

3.3.1-33 CENTRAL CONTRACTOR REGISTRATION (JANUARY 2008)

"Central Contractor Registration (CCR) database" means the primary Government repository for Contractor information required for the conduct of business with the Government.

"Data Universal Numbering System (DUNS) number" means the 9-digit number assigned by Dun and Bradstreet, Inc. (D&B) to identify unique business entities.

"Data Universal Numbering System +4 (DUNS+4) number" means the DUNS number assigned by D&B plus a 4-character suffix that may be assigned by a business concern. (D&B has no affiliation with this 4-character suffix.) This 4-character suffix may be assigned at the discretion of the business concern to establish additional CCR records for identifying alternative Electronic Funds Transfer (EFT) accounts for the same parent concern.

"Registered in the CCR database" means that the Contractor has entered all mandatory information, including the DUNS number or the DUNS+4 number, into the CCR database.

(b)(1) By submission of an offer, the offeror acknowledges the requirement that a prospective awardee shall be registered in the CCR database prior to award, during performance, and through final payment of any contract, basic agreement, basic ordering agreement, or blanket purchasing agreement resulting from this solicitation.

(2) The offeror shall enter, in Representations, Certifications and Other Statements of Offerors Section of the solicitation, the DUNS or DUNS +4 number that identifies the offeror's name and address exactly as stated in the offer. The DUNS number will be used by the Contracting Officer to verify that the offeror is registered in the CCR database.

(c) If the offeror does not have a DUNS number, it should contact Dun and Bradstreet directly to obtain one.

(1) An offeror may obtain a DUNS number

(i) If located within the United States, by calling Dun and Bradstreet at 1-866-705-5711 or via the Internet at <http://fedgov.dnb.com/webform>; or

(ii) If located outside the United States, by contacting the local Dun and Bradstreet office.

(2) The offeror should be prepared to provide the following information:

(i) Company legal business.

(ii) Tradestyle, doing business, or other name by which your entity is commonly recognized.

(iii) Company Physical Street Address, City, State, and ZIP Code.

(iv) Company Mailing Address, City, State and ZIP Code (if different from physical street address).

(v) Company Telephone Number.

(vi) Date the company was started.

(vii) Number of employees at your location.

(viii) Chief executive officer/key manager.

(ix) Line of business (industry).

(x) Company Headquarters name and address (reporting relationship within your entity).

(d) If the offeror does not become registered in the CCR database in the time prescribed by the Contracting Officer, the Contracting Officer may proceed to award to the next otherwise successful registered offeror.

(e) Processing time, which normally takes 48 hours, should be taken into consideration when registering. Offerors who are not registered should consider applying for registration immediately upon receipt of this solicitation.

(f) The Contractor is responsible for the accuracy and completeness of the data within the CCR database, and for any liability resulting from the Government's reliance on inaccurate or incomplete data. To remain registered in the CCR database after the initial registration, the Contractor is required to review and update on an annual basis from the date of initial registration or subsequent updates its information in the CCR database to ensure it is current, accurate and complete. Updating information in the CCR does not alter the terms and conditions of this contract and is not a substitute for a properly executed contractual document.

(g)(1)(i) If a Contractor has legally changed its business name, "doing business as" name, or division name (whichever is shown on the contract), or has transferred the assets used in performing the contract, but has not completed the necessary requirements regarding novation and change-of-name agreements in AMS Procurement Guidance T3.10.1.A-8, the Contractor shall provide the responsible Contracting Officer a minimum of one business day's written notification of its intention to:

(A) change the name in the CCR database;

(B) comply with the requirements of T3.10.1.A-8; and

(C) agree in writing to the timeline and procedures specified by the responsible Contracting Officer. The Contractor must provide the Contracting Officer with the notification, sufficient documentation to support the legally changed name.

(ii) If the Contractor fails to comply with the requirements of paragraph (g)(1)(i) of this clause, or fails to perform the agreement at paragraph (g)(1)(i)(C) of this clause, and, in the absence of a properly executed novation or change-of-name agreement, the CCR information that shows the Contractor to be other than the Contractor indicated in the contract will be considered to be incorrect information within the meaning of the "Suspension of Payment" paragraph of the electronic funds transfer (EFT) clause of this contract.

(2) The Contractor shall not change the name or address for EFT payments or manual payments, as appropriate, in the CCR record to reflect an assignee for the purpose of assignment of claims. Assignees shall be separately registered in the CCR database. Information provided to the Contractor's CCR record that indicates payments, including those made by EFT, to an ultimate recipient other than that Contractor will be considered to be incorrect information within the meaning of the "Suspension of payment" paragraph of the EFT clause of this contract.

(h) Offerors and Contractors may obtain information on registration and annual confirmation requirements via the internet at <http://www.ccr.gov/> or by calling 1-888-227-2423, or 269-961-5757.

3.3.1-34 PAYMENT BY ELECTRONIC FUNDS TRANSFER—CENTRAL CONTRACTOR REGISTRATION (OCTOBER 2005)

(a) Method of payment.

(1) All payments by the Government under this contract shall be made by electronic funds transfer (EFT), except as provided in paragraph (a)(2) of this clause. As used in this clause, the term "EFT" refers to the funds transfer and may also include the payment information transfer.

(2) In the event the Government is unable to release one or more payments by EFT, the Contractor agrees to either—

(i) Accept payment by check or some other mutually agreeable method of payment; or

(ii) Request the Government to extend the payment due date until such time as the Government can make payment by EFT (but see paragraph (d) of this clause).

(b) Contractor's EFT information. The Government shall make payment to the Contractor using the EFT information contained in the Central Contractor Registration (CCR) database. In the event that the EFT information changes, the Contractor shall be responsible for providing the updated information to the CCR database.

(c) Mechanisms for EFT payment. The Government may make payment by EFT through either the Automated Clearing House (ACH) network, subject to the rules of the National Automated Clearing House Association, or the Fedwire Transfer System. The rules governing Federal payments through the ACH are contained in 31 CFR Part 210.

(d) Suspension of payment. If the Contractor's EFT information in the CCR database is incorrect, then the Government need not make payment to the Contractor under this contract until correct EFT information is entered into the CCR database; and any invoice or contract financing request shall be deemed not to be a proper invoice for the purpose of prompt payment under this contract. The prompt payment terms of the contract regarding notice of an improper invoice and delays in accrual of interest penalties apply.

(e) Liability for uncompleted or erroneous transfers.

(1) If an uncompleted or erroneous transfer occurs because the Government used the Contractor's EFT information incorrectly, the Government remains responsible for—

- (i) Making a correct payment;
- (ii) Paying any prompt payment penalty due; and
- (iii) Recovering any erroneously directed funds.

(2) If an uncompleted or erroneous transfer occurs because the Contractor's EFT information was incorrect, or was revised within 30 days of Government release of the EFT payment transaction instruction to the Federal Reserve System, and—

(i) If the funds are no longer under the control of the payment office, the Government is deemed to have made payment and the Contractor is responsible for recovery of any erroneously directed funds; or

(ii) If the funds remain under the control of the payment office, the Government shall not make payment, and the provisions of paragraph (d) of this clause shall apply.

(f) EFT and prompt payment. A payment shall be deemed to have been made in a timely manner in accordance with the prompt payment terms of this contract if, in the EFT payment transaction instruction released to the Federal Reserve System, the date specified for settlement of the payment is on or before the prompt payment due date, provided the specified payment date is a valid date under the rules of the Federal Reserve System.

(g) EFT and assignment of claims. If the Contractor assigns the proceeds of this contract as provided for in the assignment of claims terms of this contract, the Contractor shall require as a condition of any such assignment, that the assignee shall register separately in the CCR database and shall be paid by EFT in accordance with the terms of this clause. Notwithstanding any other requirement of this contract, payment to an ultimate recipient other than the Contractor, or a financial institution properly recognized under an assignment of claims, is not permitted. In all respects, the requirements of this clause shall apply to the assignee as if it were the Contractor. EFT information that shows the ultimate recipient of the transfer to be other than the Contractor, in the absence of a proper assignment of claims acceptable to the Government, is incorrect EFT information within the meaning of paragraph (d) of this clause.

(h) Liability for change of EFT information by financial agent. The Government is not liable for errors resulting from changes to EFT information made by the Contractor's financial agent.

(i) Payment information. The payment or disbursing office shall forward to the Contractor available payment information that is suitable for transmission as of the date of release of the EFT instruction to the Federal Reserve System. The Government may request the Contractor to designate a desired format and method(s) for delivery of payment information from a list of formats and methods the payment office is capable of executing. However, the Government does not guarantee that any particular format or method of delivery is available at any particular payment office and retains the latitude to use the format and delivery method most convenient to the Government. If the Government makes payment by check in accordance with paragraph (a) of this clause, the Government shall mail the payment information to the remittance address contained in the CCR database.

3.1-1 CLAUSES AND PROVISIONS INCORPORATED BY REFERENCE (DECEMBER 2005)

This screening information request (SIR) or contract, as applicable, incorporates by reference the provisions or clauses listed below with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make the full text available, or offerors and contractors may obtain the full text via Internet at: <http://conwrite.faa.gov> (on this web page, select "Search and View Clauses").

- 3.2.2.3-29 INTEGRITY OF UNIT PRICES (JULY 2004)**
- 3.2.2.3-33 ORDER OF PRECEDENCE (JULY 2004)**
- 3.2.2.3-75 REQUESTS FOR CONTRACT INFORMATION (JULY 2004)**
- 3.2.2.7-6 PROTECTING THE GOVERNMENT'S INTEREST WHEN SUBCONTRACTING WITH CONTRACTORS DEBARRED, SUSPENDED, OR PROPOSED FOR DEBARMENT (APRIL 1996)**
- 3.2.2.8-1 MATERIAL REQUIREMENTS (OCTOBER 2007)**
- 3.2.5-1 OFFICIALS NOT TO BENEFIT (APRIL 1996)**
- 3.2.5-3 GRATUITIES OR GIFTS (JANUARY 1999)**
- 3.2.5-4 CONTINGENT FEES (OCTOBER 1996)**
- 3.2.5-5 ANTI-KICKBACK PROCEDURES (OCTOBER 1996)**
- 3.2.5-7 DISCLOSURE REGARDING PAYMENTS TO INFLUENCE CERTAIN FEDERAL TRANSACTIONS (JUNE 1999)**
- 3.2.5-8 WHISTLEBLOWER PROTECTION FOR CONTRACTOR EMPLOYEES (APRIL 1996)**
- 3.3.1-1 PAYMENTS (APRIL 1996)**
- 3.3.1-6 DISCOUNTS FOR PROMPT PAYMENT (APRIL 1996)**
- 3.3.1-8 EXTRAS (APRIL 1996)**
- 3.3.1-9 INTEREST (JANUARY 2008)**
- 3.3.1-15 ASSIGNMENT OF CLAIMS (APRIL 1996)**
- 3.3.1-17 PROMPT PAYMENT (JANUARY 2008)**
- 3.3.2-1 FAA COST PRINCIPLES (OCTOBER 1996)**
- 3.4.2-6 TAXES--CONTRACTS PERFORMED IN U.S. POSSESSIONS OR PUERTO RICO (OCTOBER 1996)**
- 3.4.2-8 FEDERAL, STATE, AND LOCAL TAXES--FIXED PRICE CONTRACT (APRIL 1996)**
- 3.6.1-3 UTILIZATION OF SMALL, SMALL DISADVANTAGED, WOMEN-OWNED, AND SERVICE DISABLED VETERAN OWNED SMALL BUSINESS CONCERNS (SEPTEMBER 2001)**
- 3.6.1-4 SMALL, SMALL DISADVANTAGED, WOMEN-OWNED AND SERVICE-DISABLED VETERAN OWNED SMALL BUSINESS SUBCONTRACTING PLAN (APRIL 2007)**
- 3.6.2-4 WALSH-HEALEY PUBLIC CONTRACTS ACT (APRIL 1996)**
- 3.6.2-9 EQUAL OPPORTUNITY (AUGUST 1998)**
- 3.6.2-1 AFFIRMATIVE ACTION FOR SPECIAL DISABLED AND VIETNAM ERA VETERANS (APRIL 2007)**
- 3.6.2-13 AFFIRMATIVE ACTION FOR HANDICAPPED WORKERS (APRIL 2000)**
- 3.6.2-14 EMPLOYMENT REPORTS ON SPECIAL DISABLED VETERANS AND VETERANS OF VIETNAM ERA (APRIL 2007)**
- 3.6.2-16 NOTICE TO THE GOVERNMENT OF LABOR DISPUTES (APRIL 1996)**
- 3.6.3-16 DRUG FREE WORKPLACE (JANUARY 2004)**
- 3.6.3-2 CLEAN AIR AND CLEAN WATER (APRIL 1996)**
- 3.6.2-37 NOTIFICATION OF EMPLOYEES' RIGHTS CONCERNING PAYMENT OF UNION DUES OR FEES (APRIL 2007)**
- 3.6.4- BUY AMERICAN ACT--NAFTA IMPLEMENTATION ACT--BALANCE OF PAYMENTS PROGRAM (JULY 1996)**
- 3.6.4-10 RESTRICTIONS ON CERTAIN FOREIGN PURCHASES (APRIL 1996)**
- 3.9.1-1 CONTRACT DISPUTES (NOVEMBER 2002)**

- 3.9.1-2 PROTEST AFTER AWARD (AUGUST 1997)
- 3.10.1-7 BANKRUPTCY (APRIL 1996)
- 3.10.1-12 CHANGES--FIXED-PRICE (APRIL 1996)
- 3.10.1-25 NOVATION AND CHANGE-OF-NAME AGREEMENTS (OCTOBER 2007)
- 3.10.2-6 SUBCONTRACTS FOR COMMERCIAL ITEMS AND COMMERCIAL COMPONENTS
(APRIL 1996)
- 3.10.6-1 TERMINATION FOR CONVENIENCE OF THE GOVERNMENT (FIXED PRICE)
(OCTOBER 1996)
- 3.10.6-4 DEFAULT (FIXED-PRICE SUPPLY AND SERVICE) (OCTOBER 1996)
- 3.13-5 SEAT BELT USE BY CONTRACTOR EMPLOYEES (JANUARY 1999)

PART III - SECTION J
LIST OF ATTACHMENTS

<u>ATTACHMENT</u>	<u>TITLE</u>	<u>DATE</u>	<u>NO. OF PAGES</u>
1	Salient Characteristics	3/26/2008	4

PART IV - SECTION K
REPRESENTATIONS, CERTIFICATIONS AND
OTHER STATEMENTS OF OFFERORS

Certain representations and certifications must be made by the offeror and must be filled in as appropriate. The signature of the offeror on the face page of this SIR/RFO (Standard Form 33 or Standard Form 26, as applicable) constitutes the making of certain representations and certifications. Award of any contract to the offeror shall be considered to have incorporated the applicable representations and certifications by reference.

K.1 NAICS CODE AND SMALL BUSINESS SIZE STANDARD (NOVEMBER 2000) CLA.0126

(1) The North American Industry Classification System (NAICS) code for this acquisition is 334513.

(2) The small business size standard is 500/employees.

(3) The small business size standard for a concern which submits an offer in its own name, other than on a construction or service contract, but which proposes to furnish a product which it did not itself manufacture, is 500 employees.

K.2 CERTIFICATION OF PRODUCTS/SERVICES OFFERED (NOVEMBER 1997) CLA.0127

(a) The offeror certifies that the products/services offered are products/services of a process that is ☐ ANSI/ASQC/ISO-9000-1994 certified (certified offer), ☐ ANSI/ASQC/ISO-9000-1994 compliant (compliant offer), or ☐ Non-certified/Non-compliant (non-certified/non-compliant offer).

(b) The offeror ☐ is, ☐ is not the manufacturer of the products offered.

K.3 SCREENING INFORMATION REQUEST DOCUMENT CERTIFICATION (MARCH 1999) CLA.4532

By signature on the face of this SIR, the offeror certifies that the signee is an officer or employee of the firm submitting this offer who is responsible for the preparation of this offer. The signature further certifies that, to the best of their knowledge and belief, no changes have been made to any terms or conditions contained in the original documents/SIR as issued by the FAA. Offeror fully understands that failure to make disclosure of changes may cause the contract to be terminated for default or rescinded as being null and void and shall not be a legally binding contract.

3.2.2.3-10 TYPE OF BUSINESS ORGANIZATION (JULY 2004)

By checking the applicable box, the offeror (you) represents that--

(a) You operate as ☐ a corporation incorporated under the laws of the State of _____, ☐ an individual, ☐ a partnership, ☐ a nonprofit organization, ☐ a joint venture or ☐ other _____ [specify what type of organization].

(b) If you are a foreign entity, you operate as ☐ an individual, ☐ a partnership, ☐ a nonprofit organization, ☐ a joint venture, or ☐ a corporation, registered for business in

(country)

3.2.2.3-15 AUTHORIZED NEGOTIATORS (JULY 2004)

The offeror states that the following persons are authorized to negotiate on your behalf with the FAA in connection with this offer:

Name: _____

Title: _____

Phone number: _____

3.2.2.3-23 PLACE OF PERFORMANCE (JULY 2004)

(a) The offeror (you), in fulfilling any contract resulting from this SIR, ☐ intends, ☐ does not intend (check applicable block) to use one or more plants or facilities located at a different address from your address as stated in this offer.

(b) If you check 'intends' in paragraph (a) above, insert the following information:

Place of Performance Street:

City: _____

State: _____

Zip Code: _____

3.2.2.3-70 TAXPAYER IDENTIFICATION (JULY 2004)

(a) Definitions.

(1) "Common parent," as used in this clause, means a corporate entity that owns or controls an affiliated group of corporations that files an offeror's (you, your) Federal income tax returns on a consolidated basis, and of which you are a member.

(2) "Corporate status," as used in this clause, means a designation as to whether you are a corporate entity, an unincorporated entity (for example, sole proprietorship or partnership), or a corporation providing medical and health care services.

(3) "Taxpayer Identification Number (TIN)," as used in this clause, means the number the Internal Revenue Service (IRS) requires you use in reporting income tax and other returns.

(b) All offerors must submit the information required in paragraphs (c) through (e) of this provision to comply with reporting requirements of 26 U.S.C. 6041, 6041A, and 6050M and implementing regulations issued by IRS. The FAA will use this information to collect and report on any delinquent amounts arising out of your relation with the Federal Government, under Public Law 104 -134, the Debt Collection Improvement Act of 1996, Section 31001(l)(3). If the resulting contract is subject to the reporting requirements and you refuse or fail to provide the information, the Contracting Officer (CO) may reduce your payments 31 percent under the contract.

(c) Taxpayer Identification Number (TIN).

☐ TIN: _____

☐ TIN has been applied for.

☐ TIN is not required because:

☐ Offeror is a nonresident alien, foreign corporation, or foreign partnership that does not leave income effectively connected with the conduct of a trade or business in the U.S. and does not have an office or place of business or a fiscal paying agent in the U.S.;

☐ Offeror is an agency or instrumentality of a foreign government;

☐ Offeror is an agency or instrumentality of a Federal, state, or local government;

☐ Other--State basis. _____

(d) Corporate Status.

☐ Corporation providing medical and health care services, or engaged in the billing and collecting of payments for such services;

☐ Other corporate entity

☐ Not a corporate entity

☐ Sole proprietorship

☐ Partnership

☐ Hospital or extended care facility described in 26 CFR 501(c)(3) that is exempt from taxation under 26 CFR 501(a).

(e) Common Parent.

☐ A common parent does not own or control the offeror as defined in paragraph (a).

☐ Name and TIN of common parent:

Name _____

TIN _____

3.2.2.3-76 REPRESENTATION- RELEASE OF CONTRACT INFORMATION (JULY 2004)

(a) Any contract resulting from this SIR may be subject to release under the Freedom of Information Act (FOIA), 5 U.S.C. Section 552.

(b) The offeror's (you, your) position regarding the possible release of information you provide in response to this SIR is as follows:

(c) REPRESENTATION CONCERNING RELEASE OF CONTRACT INFORMATION--

The offeror (you) represents that--(1) ☐ You have made a complete review of your offer(s) in response to this SIR and no exemption from mandatory release under FOIA exists, and, (2) ☐ You have no objection to the release of any contract you may be awarded in whole or in part resulting from this SIR.

OR

The offeror (you) represents that ☐ your offer(s) in response to this SIR contains information that is exempt from mandatory release under FOIA. Accordingly, you represent that--(1) ☐ You have identified any sensitive documents you submitted in response to this SIR by placing restrictive markings on them. This may include trade secrets, proprietary information, or commercial or financial information that is privileged or confidential, and (2) ☐ As the party that provided the information, you have provided the Contracting Officer (by separate letter concurrent with this offer) detailed information listing the page(s) to be withheld complete with any and all legal justifications which would permit the FAA to invoke a FOIA exemption.

3.2.2.7-7 CERTIFICATION REGARDING DEBARMENT, SUSPENSION, PROPOSED DEBARMENT, AND OTHER RESPONSIBILITY MATTERS (APRIL 1996)

(a)(1) The Offeror certifies, to the best of its knowledge and belief, that--

(i) The Offeror and/or any of its Principals--

(A) Are ☐ are not ☐ presently debarred, suspended, proposed for debarment, or declared ineligible for the award of contracts by any Federal agency;

(B) Have ☐ have not ☐ within a three-year period preceding this offer, been convicted of or had a civil judgment rendered against them for: commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, state, or local) contract or subcontract; violation of Federal or state antitrust statutes relating to the submission of offers; or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property; and

(C) Are ☐ are not ☐ presently indicted for, or otherwise criminally or civilly charged by a governmental entity with, commission of any of the offenses enumerated in subdivision (a)(1)(i)(B) of this provision.

(ii) The Offeror has ☐ has not ☐ within a three-year period preceding this offer, had one or more contracts terminated for default by any Federal agency.

(2) 'Principals,' for the purposes of this certification, means officers; directors; owners; partners; and, persons having primary management or supervisory responsibilities within a business entity (e.g., general manager; plant manager; head of a subsidiary, division, or business segment, and similar positions). THIS CERTIFICATION CONCERNS A MATTER WITHIN THE JURISDICTION OF AN AGENCY OF THE UNITED STATES AND THE MAKING OF A FALSE, FICTITIOUS, OR FRAUDULENT CERTIFICATION MAY RENDER THE MAKER SUBJECT TO PROSECUTION UNDER SECTION 1001, TITLE 18, UNITED STATES CODE.

(b) The Offeror shall provide immediate written notice to the Contracting Officer if, at any time prior to contract award, the Offeror learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.

(c) A certification that any of the items in paragraph (a) of this provision exists will not necessarily result in withholding of an award under this SIR. However, the certification will be considered in connection with a determination of the Offeror's responsibility. Failure of the Offeror to furnish a certification or provide such additional information as requested by the Contracting Officer may render the Offeror nonresponsible.

(d) Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render, in good faith, the certification required by paragraph (a) of this provision. The knowledge and information of an Offeror is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

(e) The certification in paragraph (a) of this provision is a material representation of fact upon which reliance was placed when making award. If it is later determined that the Offeror knowingly rendered an erroneous certification, in addition to other remedies available to the Government, the Contracting Officer may terminate the contract resulting from this SIR for default.

3.3.1-35 CERTIFICATION OF REGISTRATION IN CENTRAL CONTRACTOR REGISTRATION (CCR) (APRIL 2006)

In accordance with Clause 3.3.1-33, Central Contractor Registration, offeror certifies that they are registered in the CCR Database and have entered all mandatory information including the DUNS or DUNS+4 Number.

Name: _____

Title: _____

Phone Number: _____

3.6.2-3 WALSH-HEALEY PUBLIC CONTRACTS ACT REPRESENTATION (JANUARY 1998)

The offeror represents as a part of this offer that the offeror:
 is ☐ or is not ☐ a regular dealer in, or
 is ☐ or is not ☐ a manufacturer of, the supplies offered.

3.6.2-6 PREVIOUS CONTRACTS AND COMPLIANCE REPORTS (APRIL 1996)

The offeror represents that--(a) It ☐ has, ☐ has not, participated in a previous contract or subcontract subject either to the "Equal Opportunity" clause of this solicitation, the clause originally contained in Section 310 of Executive Order No. 10925, or the clause contained in Section 201 of Executive Order No. 11114; (b) It ☐ has, ☐ has not, filed all required compliance reports; and (c) Representations indicating submission of required compliance reports, signed by proposed subcontractors, will be obtained before subcontract awards.

3.6.2-8 AFFIRMATIVE ACTION COMPLIANCE (APRIL 1996)

The offeror represents that (a) it ☐ has developed and has on file, ☐ has not developed and does not have on file, at each establishment, affirmative action programs required by the rules and regulations of the Secretary of Labor (41 CFR 60-1 and 60-2), or (b) it ☐ has not previously had contracts subject to the written affirmative action programs requirement of the rules and regulations of the Secretary of Labor.

3.6.4-17 BUY AMERICAN ACT--NAFTA IMPLEMENTATION ACT--BALANCE OF PAYMENTS CERTIFICATE (JULY 1996)

(a) The offeror certifies that each end product or service, except as listed below, is a domestic end product or service (as defined in the clause "Buy American Act-NAFTA Implementation Act-Balance of Payments Program") and components of unknown origin are considered to have been mined, produced, or manufactured outside the United States.

Excluded End Product Country of Origin

[list as necessary]

(b) Under certain circumstances, offers of North American Free Trade Agreement (NAFTA) country end products (as defined in the clause "Buy American Act-North American Free Trade Agreement Act Implementation Act-Balance of Payments") will be given the same preference as domestic end products. To obtain this preference, offerors must identify below those end products that are NAFTA country end products. Products that are not identified and certified below will not be deemed NAFTA country end products

Excluded End NAFTA Country of Origin
Product

[list as necessary]

(c) The offeror agrees to furnish any additional information as the Contracting Officer may request to verify the above information and to evaluate the offer. Offerors may obtain from the Contracting Officer lists of articles, materials, and supplies excepted from the Buy American Act.

3.1-1 CLAUSES AND PROVISIONS INCORPORATED BY REFERENCE (DECEMBER 2005)

This screening information request (SIR) or contract, as applicable, incorporates by reference the provisions or clauses listed below with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make the full text available, or offerors and contractors may obtain the full text via Internet at: <http://conwrite.faa.gov> (on this web page, select "Search and View Clauses").

- 3.6.2-5 CERTIFICATION OF NONSEGREGATED FACILITIES (APRIL 1996)
- 3.6.3-1 CLEAN AIR AND WATER CERTIFICATION (APRIL 2000)
- 3.13-4 CONTRACTOR IDENTIFICATION NUMBER--DATA UNIVERSAL NUMBERING SYSTEM (DUNS) NUMBER (APRIL 2006)

PART IV - SECTION L **INSTRUCTIONS, CONDITIONS, AND NOTICES TO OFFERORS**

L.1 APPLICABILITY OF CONTRACTOR'S COMMERCIAL WARRANTY

(a) The contractor agrees that its commercial warranty, if any, and if such warranty is accepted by the Government, applicable to the supplies or equipment to be acquired hereunder, shall afford the Government the same rights and remedies afforded any customer for such supplies or services and that such rights are in addition to and do not limit any rights afforded to the Government by any other clause of this contract.

(b) In order for the Government to determine the potential application of any contractor's commercial warranty offered for inclusion in the resultant award, offeror must mark the applicable sub-line items under Item 14 of price schedule. Reference M.1, "Contractor's Commercial Warranty Evaluation."

(c) The contractor shall furnish a copy of the commercial warranty, if any, applicable to the supplies or equipment acquired hereunder which may be incorporated in the resulting contract.

L.2 PROPOSED TYPE OF ANTENNA

Offeror must indicate on Part I - Section B, if they are proposing a brand name or proposing to manufacture antennas in accordance with salient characteristics.

L.3 SUBMISSION OF COST OR PRICING DATA

(a) It is anticipated that pricing of this action will be based on adequate price competition; therefore, offerors are not required to submit cost or pricing data. However, if after receipt of proposals it is determined that adequate price competition does not exist, cost or pricing data may be required.

(b) If it is determined that adequate price competition does not exist, the Offeror shall provide current, complete and accurate cost or pricing data upon request from the Contracting Officer.

L.4 FIRST ARTICLE(S) APPLICABILITY AND/OR CONDITIONS FOR WAIVER (JUN 2006) CLA.0123

(a) First Article Testing and Approval is a requirement of this contract. The Contracting Officer may waive this requirement, if the offeror meets any one of the conditions for waiver listed below:

(1) If the contract is awarded to a Contractor currently in production of the item for a federal government prime contract, subcontract, or purchase order.

(2) If the contract is awarded to a contractor not presently in production of the item, but who has previously delivered a similar or identical item that has been accepted by the Government.

(b) Offerors who meet the conditions for waiver set forth in paragraph (a) above shall furnish the following information:

Contract No: _____

Contract Item No: _____

Date of Contract: _____

Name of Government Agency issuing contract: _____

Address of Government Agency issuing contract: _____

Name and Telephone Number of Point of Contact: _____

L.5 REQUEST FOR MODIFICATION OF CONTRACT TERMS AND CONDITIONS (JANUARY 1997) CLA.4533

Offeror's are hereby notified that the terms and conditions of this SIR shall be changed only through formal amendment(s) issued by the Contracting Officer. If an offeror takes issue with the terms and conditions contained herein, the offeror shall submit a Request for Modification of Terms and Conditions under separate attachment to their proposal. This request should be in offeror's format, on offeror's letterhead, signed by an officer of the company with authority to bind the offeror. The request must include documentation that fully highlights the offeror's proposed changes and must be specific as to the exact term(s) or condition (s) to which the exception(s) are being taken. These changes shall not be binding on the FAA until fully agreed to by both the FAA and the offeror and incorporated into the document prior to contract award.

L.6 ISO 9001:2000 CERTIFICATION/COMPLIANT INCENTIVE PROGRAM REQUIREMENTS (AUGUST 2006) CLA.4538

(a) The Federal Aviation Administration Logistics Center (FAALC) in Oklahoma City is an ISO 9001:2000 registered organization. In compliance with Element 7.4, Purchasing, of the standard, and how it relates to products and services provided by the Logistics Center, the FAALC has an evaluation incentive program to encourage contractors to offer products/services that are produced utilizing an ISO

9001:2000 certified or compliant process. The incentive will be used in the evaluation of prices offered and shall be applicable only in making a determination for contract award. This evaluation incentive program allows for award to other than the low offeror in accordance with provision titled, Evaluation of Offers, in Section M of this Screening Information Request (SIR) or Request for Offer (RFO).

(b) To receive the evaluation incentive, the offeror must offer a product/service processed under the standards identified above; complete the required provision titled, Certification of Products/Services Offered, in Section K of this SIR; and provide the documentation required and listed in paragraphs (c) and (d), below. All referenced certification/compliance requirements shall be met prior to the time specified for receipt of offers for this SIR or RFO.

(c) Certification will be demonstrated by providing a copy of an ISO 9001:2000 Quality System Registrars' authentic certificate.

(d) ISO 9001:2000 compliance will be demonstrated by the presentation of documented proof of a second party audit within the last 12 months. Audit findings must confirm compliance.

L.7 SUBCONTRACTING PLAN (SEP 2007)

CLA.4559

In accordance with the AMS Clause 3.6.1-4, Small, Small Disadvantaged, Women-Owned and Service-Disabled Veteran Owned Small Business Subcontracting Plan, Contractors are reminded that a subcontracting plan may be required. Within 10 days of the Contracting Officer's request, Contractor's must submit a plan that must include, at a minimum, the information found at 3.6.1-4(d).

3.2.2.3-22 PERIOD FOR ACCEPTANCE OF OFFER (JULY 2004)

The offeror (you) agrees that if this offer is accepted within 60 calendar days (60 calendar days unless you insert a different period) from the date the SIR specifies for receiving offers, to provide all items for which you offer prices at the price set opposite each item, delivered at the designated point(s), within the time specified in the Schedule.

3.2.4-1 TYPE OF CONTRACT (APRIL 1996)

The FAA contemplates award of and Indefinite Delivery/Requirements type contract with Firm-Fixed-Prices resulting from this Screening Information Request.

3.9.1-3 PROTEST (NOVEMBER 2002)

AS A CONDITION OF SUBMITTING AN OFFER OR RESPONSE TO THIS SIR (OR OTHER SOLICITATION, IF APPROPRIATE), THE OFFEROR OR POTENTIAL OFFEROR AGREES TO BE BOUND BY THE FOLLOWING PROVISIONS RELATING TO PROTESTS:

(a) Protests concerning Federal Aviation Administration Screening Information Requests (SIRs) or awards of contracts shall be resolved through the Federal Aviation Administration (FAA) dispute resolution system at the Office of Dispute Resolution for Acquisition (ODRA) and shall be governed by the procedures set forth in 14 C.F.R. Parts 14 and 17, which are hereby incorporated by reference. Judicial review, where available, will be in accordance with 49 U.S.C. 46110 and shall apply only to final agency decisions. A protestor may seek review of a final FAA decision only after its administrative remedies have been exhausted.

(b) Offerors initially should attempt to resolve any issues concerning potential protests with the Contracting Officer. The Contracting Officer should make reasonable efforts to answer questions promptly and completely, and, where possible, to resolve concerns or controversies. The protest time limitations, however, will not be extended by attempts to resolve a potential protest with the Contracting Officer.

(c) The filing of a protest with the ODRA may be accomplished by mail, overnight delivery, hand delivery, or by facsimile. A protest is considered to be filed on the date it is received by the ODRA.

(d) Only an interested party may file a protest. An interested party is one whose direct economic interest has been or would be affected by the award or failure to award an FAA contract. Proposed subcontractors are not "interested parties" within this definition.

(e) A written protest must be filed with the ODRA within the times set forth below, or the protest shall be dismissed as untimely:

(1) Protests based upon alleged improprieties in a solicitation or a SIR that are apparent prior to bid opening or the time set for receipt of initial proposals shall be filed prior to bid opening or the time set for the receipt of initial proposals.

(2) In procurements where proposals are requested, alleged improprieties that do not exist in the initial solicitation, but which are subsequently incorporated into the solicitation, must be protested not later than the next closing time for receipt of proposals following the incorporation.

(3) For protests other than those related to alleged solicitation improprieties, the protest must be filed on the later of the following two dates:

(i) Not later than seven (7) business days after the date the protester knew or should have known of the grounds for the protest; or

(ii) If the protester has requested a post-award debriefing from the FAA Product Team, not later than five (5) business days after the date on which the Product Team holds that debriefing.

(f) Protests shall be filed at:

- (1) Office of Dispute Resolution for Acquisition, AGC-70,
Federal Aviation Administration,
800 Independence Ave., S.W.,
Room 323,
Washington, DC 20591,
Telephone: (202) 267-3290,
Facsimile: (202) 267-3720; or

(2) other address as specified in 14 CFR Part 17.

(g) At the same time as filing the protest with the ODRA, the protester shall serve a copy of the protest on the Contracting Officer and any other official designated in the SIR for receipt of protests by means reasonably calculated to be received by the Contracting Officer on the same day as it is to be received by the ODRA. The protest shall include a signed statement from the protester, certifying to the ODRA the manner of service, date, and time when a copy of the protest was served on the Contracting Officer and other designated official(s).

(h) Additional information and guidance about the ODRA dispute resolution process for protests can be found on the ODRA Website at <http://www.faa.gov>.

3.1-1 CLAUSES AND PROVISIONS INCORPORATED BY REFERENCE (DECEMBER 2005)

This screening information request (SIR) or contract, as applicable, incorporates by reference the provisions or clauses listed below with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make the full text available, or offerors and contractors may obtain the full text via Internet at: <http://conwrite.faa.gov> (on this web page, select "Search and View Clauses").

- 3.2.2.3-1 FALSE STATEMENTS IN OFFERS (JULY 2004)**
- 3.2.2.3-12 AMENDMENTS TO SCREENING INFORMATION REQUESTS (JULY 2004)**
- 3.2.2.3-13 SUBMISSION OF INFORMATION/DOCUMENTATION/OFFERS (JULY 2004)**
- 3.2.2.3-14 LATE SUBMISSIONS, MODIFICATIONS, AND WITHDRAWALS OF SUBMITTALS (JULY 2004)**
- 3.2.2.3-16 RESTRICTION ON DISCLOSURE AND USE OF DATA (JULY 2004)**
- 3.2.2.3-17 PREPARING OFFERS (JULY 2004)**
- 3.2.2.3-18 PROSPECTIVE OFFEROR'S REQUESTS FOR EXPLANATION (JULY 2004)**
- 3.2.2.3-19 CONTRACT AWARD (JULY 2004)**
- 3.3.1-30 PROGRESS PAYMENTS NOT INCLUDED (NOVEMBER 1997)**

PART IV - SECTION M
EVALUATION FACTORS FOR AWARD

M.1 CONTRACTOR'S COMMERCIAL WARRANTY EVALUATION

It is not the Government's intent to request a warranty be provided for the item acquired as a result of this solicitation. However, the Government does desire to take advantage of any existing warranty wherein the cost would be the same whether or not a warranty is included. Accordingly, the Government reserves the right to award a contract to the low responsible offeror whose proposal meets the Government's requirements and minimum needs. This may or may not include a contractor commercial warranty. In the event the low offeror's prices are the same with or without a warranty, the Government would elect to make award incorporating such a warranty.

M.2 EVALUATION OF OFFERS (SEPTEMBER 2006)

CLA.4539

(a) Offeror shall complete provision titled, Certification of Products/Services Offered, in Section K of this SIR or RFO, as to whether the products/services offered are of a process that is; (1) ISO 9001:2000 certified (certified offer), (2) ISO 9001:2000 compliant (compliant offer), or (3) Non-certified/Non-compliant (non-certified/non-compliant offer).

(b) Offerors shall provide documentation of ISO 9001:2000 certification/compliance as required in Section L provision titled, ISO 9001:2000 Certification/Compliant Incentive Program Requirements, of this SIR or RFO.

(c) The FAA will award to ISO 9001:2000 certified or compliant contractors unless the price is determined to be unreasonable as follows:

(1) Unless the FAA determines otherwise, the offered price of a certified offer is unreasonable when the lowest acceptable certified offer exceeds the lowest acceptable non-compliant/non-certified offer by 12 percent.

(2) Unless the FAA determines otherwise, the offered price of a certified offer is unreasonable when the lowest acceptable certified offer exceeds the lowest acceptable compliant offer by 6 percent.

(3) Unless the FAA determines otherwise, the offered price of a compliant offer is unreasonable when the lowest acceptable compliant offer exceeds the lowest acceptable non-compliant/non-certified offer by more than 6 percent.

(d) The evaluation in subparagraph (c) above shall be applied on an item- by-item basis or to any group of items on which award may be made, as specifically provided by the SIR or RFO.

M.3 COST FACTOR FIRST ARTICLE EVALUATION

The cost to the Government for first article testing or engineering review and approval of first article test reports, as applicable, shall be a factor in the evaluation of this Screening Information Request. The factor to be used in the evaluation shall be \$500 for each contract line item for a total of \$3,500.

3.2.2.3-34 EVALUATION OFFERS FOR MULTIPLE AWARDS (JULY 2004)

In addition to other factors, the FAA (we, us) will evaluate offers on the basis of advantages and disadvantages to us that might result from making more than one award (multiple awards). We estimate that our administrative cost for issuing and administering each contract awarded under this SIR is \$500. We will make individual awards for the items or combinations of items that result in the lowest aggregate cost to us, including the assumed administrative costs.

3.1-1 CLAUSES AND PROVISIONS INCORPORATED BY REFERENCE (DECEMBER 2005)

This screening information request (SIR) or contract, as applicable, incorporates by reference the provisions or clauses listed below with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make the full text available, or offerors and contractors may obtain the full text via Internet at: <http://conwrite.faa.gov> (on this web page, select "Search and View Clauses").

3.2.4-31 EVALUATION OF OPTIONS (APRIL 1996))

Salient Characteristics, Mechanical:

The antenna shall be omni-directional, vertically polarized, and designed for mounting on a common, in-line support pipe.

The support pipe size shall be 2 ½ inch I.P.S. An adapter kit shall be provided with each antenna for adapting the 2 ½ inch mounting to a 1 ¼ inch mast. All hardware required for mounting and securing the antenna assembly to either the 2 ½ inch support pipe or adapting the 2 ½ inch mounting to a 1 ¼ inch mast shall be provided. The assembly mounting-to-support-pipe shall be coaxial or in-line. The assembly shall be provided with seals to prevent any moisture from entering either the antenna or support pipe.

The antennas shall have a drain hole that will allow any condensate water to drain from the inside of the radome. The fiberglass radomes' outer surface shall have a finish suitable for long term (approximately 10 years) outdoor operation. The antennas shall be constructed of corrosion-resistant materials and contain no exposed dissimilar metal joints.

All parts required for mounting the antennas to 1 ¼ I.P.S. and 2 ½ I.P.S. support pipes shall be captive to the antennas with the exception of the mounting bolts.

An assembly shall include all components of the antenna array, assembly mount, connector(s), radome and support mast where applicable. Components of the antenna array that are enclosed within the radome assembly shall be securely held in place.

Each antenna shall be terminated at the lower exterior base of the antenna radome with a Type N female coaxial connector.

The antenna mounting method shall be such that the antennas can be securely rested on the support pipes and be self-supporting during the mounting process. The antennas must be installable by only one technician.

The antenna assembly shall meet or exceed the required characteristics over the range of operating service conditions specified below:

Temperature	-40 degrees C to 60 degree C
Relative Humidity	0% to 100%, including seacoast salt-spray environment.
Wind and ice loading	Shall be able to withstand winds up to 85 knots; with up to ½ inch of radial ice coating.
Precipitation	Shall be able to operate with 7 inches of rainfall per hour.
Vibration	Highway Transportation

Fungus

Inert to fungus growth

The antenna shall be sufficiently rugged and weather-proof to operate unattended and continuously for 10 years in adverse environments, i.e., fog, rain, snow, hail, salt-spray, high winds, etc.

All metal parts of the antennas, including the center pin of the input connector, shall have a low (less than an ohm) DC resistance to ground.

Grounding shall be accomplished after securing the antenna to the mast. A means shall be provided to attach a customer supplied AWG #6 ground wire to the external antenna ground. Any terminals required to ground the antenna shall be provided.

Salient Characteristics, Electrical:

VSWR	Shall be less than or equal to 2:1
Terminal impedance	50 ohms plus/minus 5%
RF power rating	Shall be able to radiate 100W carrier continuously without visible damage or deformation of the antenna; the change in VSWR shall be less than 10% over the frequency range.
Radiation, Omni-directional	Plus/minus 1.0 dB for 360 degrees of rotation at 0 degrees elevation.
Radiation, vertical peak or deviation	0 degrees, plus/minus 10 degrees.
Elevation Beamwidth	65° minimum beamwidth at -3 dB half-power point.
RF Power Gain	0 dBi minimum

Testing Requirements

Design Qualification Testing

Antennas that have never been supplied to the FAA will be subjected to the following Design Qualification tests to verify compliance with the mechanical and electrical characteristics.

1. Performance of tests to verify compliance with VSWR, radiation patterns isolation and gain requirements.

2. Environmental testing to the following specifications

- a. Low Temperature per MIL-STD-810F, Method 502.4, Procedure III. Low temperature of -40°C, 24 hours dwell time after low temperature is reached.
- b. High Temperature per MIL-STD-810F, Method 501.4, Procedure II. Low temperature of +60°C, 24 hours dwell time after low temperature is reached.
- c. Relative Humidity per MIL-STD-810F, Method 507.4, Procedure II, Aggravated Temp-RH Test. Test duration of 10 each 24 hour cycles.
- d. Fungus per MIL-STD-810F, Method 508.4.
- e. Vibration per MIL-STD-810F, Method 514.5, Figure 514.5c-1, Highway Truck Vibration. Test time of 3 hours per axis.
- f. Salt Fog per MIL-STD-810F, Method 509.4.
- g. Simulated wind and ice load test. With the antenna mounted horizontally, place at least five equally distributed weights, that equal the total wind and ice loading, along the length of the radome. Leave the weights in place for 10 minutes.

Production Testing

Each antenna will be tested for acceptable VSWR using sweep frequency testing over the full frequency band prior to delivery.

NSN 5985-01-050-7521: This Type 1 antenna assembly shall be brand name or equal to TACO Communications Model D5077 or Antenna Products Model DPV37 low-profile UHF antenna (single element).

Antenna weight shall not exceed 5 pounds. Length of antenna shall not exceed 41 inches.

The antenna shall meet or exceed the Electrical Salient Characteristics over the frequency range 225 MHz to 400 MHz.

NSN 5985-01-050-7522: This Type 1 antenna assembly shall be brand name or equal to TACO Communications Model D5076 or Antenna Products Model DPV35 low-profile VHF antenna (single element).

Antenna weight shall not exceed 7 pounds. Length of antenna shall not exceed 56 inches.

The antenna shall meet or exceed the Electrical Salient Characteristics over the frequency range 118 MHz to 137 MHz.

NSN 5985-01-050-7523: This Type 1 antenna assembly shall be brand name or equal to TACO Communications Model D5074 or Antenna Products Model DPV38 low-profile UHF/UHF antenna (two single elements).

Antenna weight shall not exceed 14 pounds. Length of antenna shall not exceed 92 inches.

The antenna shall meet or exceed the Electrical Salient Characteristics over the frequency range 225 MHz to 400 MHz.

NSN 5985-01-050-7524: This Type 1 antenna assembly shall be brand name or equal to TACO Communications Model D5073 or Antenna Products Model DPV39 low-profile VHF / UHF antenna (two single elements).

Antenna weight shall not exceed 14 pounds. Length of antenna shall not exceed 94 inches.

The antenna shall meet or exceed the Electrical Salient Characteristics over the frequency range 118 MHz to 137 MHz and 225 MHz to 400 MHz.

NSN 5985-01-050-7525: This Type 1 antenna assembly shall be brand name or equal to TACO Communications Model D5061A-1 or Antenna Products Model DPV40 low-profile High Gain VHF antenna (two element array).

Antenna weight shall not exceed 20 pounds. Length of antenna shall not exceed 134 inches.

The antenna shall meet or exceed the Electrical Salient Characteristics over the frequency range 118 MHz to 137 MHz.

NSN 5985-01-053-5108: This Type 1 antenna assembly shall be brand name or equal to TACO Communications Model D5072 or Antenna Products Model DPV36 low-profile VHF/VHF antenna (two single elements).

Antenna weight shall not exceed 20 pounds. Length of antenna shall not exceed 155 inches.

The antenna shall meet or exceed the Electrical Salient Characteristics over the frequency range 118 MHz to 137 MHz.

NSN 5985-01-296-1904: This Type 1 antenna assembly shall be brand name or equal to TACO Communications Model D5062A or Antenna Products Model DPV51 low-profile High Gain UHF antenna (two element array).

Antenna weight shall not exceed 15 pounds. Length of antenna shall not exceed 78 inches.

The antenna shall meet or exceed the Electrical Salient Characteristics over the frequency range 225 MHz to 400 MHz.